

CURRENT LISTING OF CLAIMS

Please cancel claims 59 and 60, and amend claim 58 as follows.

Listing of Claims:

Claims 1-40 (Cancelled)

41. (Withdrawn) An integrated information service platform system, comprising: an access unit (ACU), a management unit (MAU) and an application unit (APU) interconnected based on a network protocol, wherein

said access unit comprises an ACU processing module connected via a transmission network with user terminals and processing systems of service providers, and a first network switching module (NSM) for implementing communication switching within said access unit and communications with said management unit and said application unit;

said management unit comprises an MAU processing module implementing unified management and control on operations of every part of the platform system, and a second network switching module for implementing communication switching within said management unit and communications with said access unit and said application unit; and

said application unit comprises an APU processing module providing application-specific processing functions, and a third network switching module for implementing communication switching within said application unit and communications with said access unit and said management unit.

42. (Withdrawn) The system according to claim 41, wherein said ACU processing module comprises a communications network access processing portion and a gateway transformation processing portion, the communications network access processing portion providing an interface to the transmission network and implementing access to the transmission network while the gateway transformation processing portion converts non-digital information inputted from the communications network access processing portion into digital information.

43. (Withdrawn) The system according to claim 42, wherein said communications network access processing portion comprises a terminal access module (TAM) for accessing terminals via a telecommunication and telephone network.

44. (Withdrawn) The system according to claim 42, wherein said communications network access processing portion comprises a leased line access module (LAM) of a data network for accessing computer networks based on ICP/TP protocol or ATM protocol.

45. (Withdrawn) The system according to claim 42, wherein said communications network access processing portion comprises a network access module (NAM) for accessing broadcasting networks using HFC.

46. (Withdrawn) The system according to claim 42, wherein said gateway transformation portion comprises a voice/data transformation module (VDM).

47. (Withdrawn) The system according to claim 42, wherein said gateway transformation portion comprises a facsimile/data transformation module (FDM).

48. (Withdrawn) The system according to claim 41, wherein said MAU processing module comprises a system resource management module, a business resource management module, and a management control console (MCC), the system resource management module comprising a network management module (NMM) for implementation of network device management and a system management module (SMM), the business resource management module comprising a user management module (UMM) and a billing management module (BMM), and the management control console controlling and managing all management modules and implementing a unified management interface by means of a browser.

49. (Withdrawn) The system according to claim 41, wherein said APU processing module comprises an outsourced application portion, an integrated application portion, and a navigation application portion, the outsourced application portion comprising a basic application module and a module for applications (HAM) outsourced by business service providers, the integrated application portion comprising application integrating modules (AIM) which integrate business services provided by business service providers, and the navigation application portion comprising a navigation and personalization module (NPM) providing an interface for navigation service and individual service.

50. (Withdrawn) The system according to claim 41, wherein said access unit, said management unit and said application unit are interconnected based on TCP/IP protocol.

51. (Withdrawn) The system according to claim 50, wherein said access unit, said management unit and said application unit are interconnected further based on ATM protocol or IPX protocol.

52. (Withdrawn) The system according to claim 42, wherein said gateway transformation processing portion converts non-digital information inputted via the communications network access processing portion to IP data information.

53. (Withdrawn) The system according to claim 41, further comprising a further access unit, a further management unit, or a further application unit, which is connected with the first-named access unit, the first-named management unit or the first-named application unit, respectively, in levels via a respective network switching module to form an access group, a management group, or an application group, respectively, the access, management and application groups being further interconnected via the network switching module of any one of the first-named or further access units, the first-named or further management units, or the first-named or further applications units within each of the access group, the management group, and the application group, respectively.

54. (Withdrawn) The system according to claim 41, wherein said MAU processing module comprises a database module for storing user information as well as procedures and results of service processing, said user information comprising user identification information, user authorization information and user accounting information.

55. (Withdrawn) The system according to claim 41, further comprising a plurality of metropolitan-area integrated information service platform systems, which are interconnected based on metropolitan-area telecommunications networks.

56. (Withdrawn) The system according to claim 41, wherein said access unit, said management unit, and said application unit are interconnected via an internal high-speed bus.

57. (Withdrawn) The system according to claim 41, wherein said processing systems of service providers are connected to the ACU processing module via a computer network, the computer network comprising a virtual private network.

58. (Currently Amended) A method of providing integrated information service, comprising:

converting a service request inputted via a transmission network from a user terminal to data based on IP protocol, the user terminal having a user identification code;

authenticating and authorizing a user associated with the service request according to the user identification code;

after successful authentication and authorization, selecting an appropriate application processing module for the service request, wherein the application processing module comprises basic application modules, each comprising an application selected from the group consisting of www, email, ftp, news, chat, facsimile, voice hot line and user call center, and wherein the application processing module further comprises a module for an outsourced application from a business service provider, the outsourced application being directed to WWW main server outsourcing, enterprise customer service center outsourcing, or security exchange service outsourcing;

converting processing results based on IP protocol into a data format identifiable to the user terminal;

returning the processing results to the user terminal via the transmission network.

59. (Canceled)

60. (Canceled)

61. (Previously Presented) The method according to claim 58, wherein said appropriate application processing module comprises a module for an integrated application provided by a business service provider, the integrated application being directed to accounting and balancing.

62. (Previously Presented) The method according to claim 58, wherein said appropriate application processing module comprises a navigation and personalization application module, the navigation and personalization application module being directed to voice navigation and WWW navigation.

63. (Previously Presented) The method according to claim 58, further comprising the step of:

storing user data as well as procedures and results of service processing in a database, wherein said user data comprising user identification information, user authorization information, and user accounting information.

64. (Previously Presented) The method according to claim 63, wherein said authenticating and authorizing of the user is conducted according to the user identification information and the user authorization information pre-stored in the database, the method further comprising the step of:

charging the user for the service processing according to a charging rate.

65. (Previously Presented) The method according to claim 64, wherein said database comprises a database of a local platform system, the method further comprising the following steps:

if the user identification information and the user authorization information of the user is not found in the database of the local platform system, sending to a subscribing platform system of the user a command for searching and authenticating an identity of the user, and

returning the authentication result from the subscribing platform system to the local platform system.

66. (Previously Presented) The method according to claim 58, further comprising the following steps after successful authentication and authorization for the user according to the user identification code:

- sending service request commands to other platform systems, and
- returning processing results from the other platform systems to the local platform system.